

A stylized graphic on a red background. On the left, a white spiral line represents a fire escape. To its right, a series of parallel black lines represent a slide, curving downwards and to the right. A white trapezoidal shape is positioned behind the text, partially overlapping the slide lines.

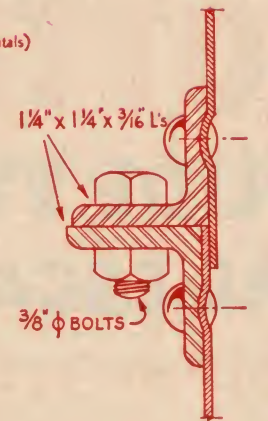
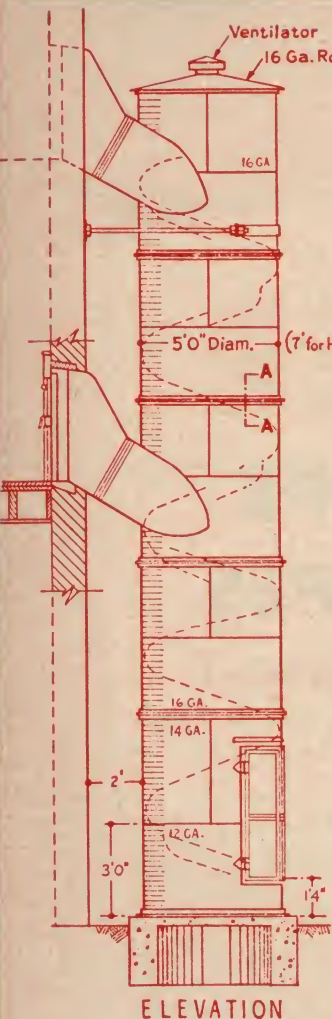
POTTER

**SLIDE TYPE
FIRE ESCAPES**

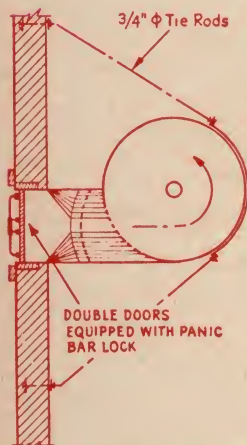
**tubular • spiral
aluminum • steel**

**POTTER FIRE ESCAPE CO.
CHICAGO 45, ILLINOIS**

POTTER Spiral Slide Fire Escapes



Half-Size Section A-A



ENTRANCE PLAN

See also details on page 3.

Spirals may run clockwise or counter-clockwise

SPECIFICATIONS—Exterior Types*

Note—Specify under Specialties; not under Structural or Ornamental Iron. All specifications subject to change without notice.

Standard Type—For general use

The fire escape shall be the POTTER Spiral Escape made by POTTER FIRE ESCAPE COMPANY, Chicago 45, Illinois.

Spiral Slide—Shall be fabricated of sheet metal, properly banked and secured to the center core and the outer housing. Slide shall be made in overlapping sections so as to present no crevices or cracks. All rivets shall be recessed and edges of sheets ground smooth.

Center Core—Shall be composed of a 3 in. I. D. pipe.

Roof—Shall be conical in shape and project 3 inches beyond the cylinder. A ventilator shall be provided at the center.

Assembled Sections—Escape shall be manufactured in sections about 7 ft. high with an angle ring at the top and bottom of each section.

Foundation—The escape shall rest upon an octagonal concrete foundation, as shown on plans, not less than 18 in. deep.

Entrance Door Assembly—Entrance on inside of building shall be closed with clear ponderosa pine, paneled double doors, 15 in. wide by 42 in. high, weatherstripped, equipped with panic bolt hardware operated with push bars on either door; doors to swing into escape. A 3/4 in. diameter horizontal swing bar shall be securely attached to the frame near the top of the entrance.

Exit Doors—Exit doors at the bottom of the escape shall be constructed of two leaves opening outward and provided with brass automatic inside latch and touch plate operated by the pressure of the user's feet.

Bracing—One brace shall be provided for two or three story buildings, and one brace for each additional two stories of higher buildings.

Approval—The fire escape construction shall have been tested, approved and be listed as standard by the Underwriters' Laboratories.

Hospital Type—Designed for patients on mattresses

Same as STANDARD TYPE except for following changes:

Material—Change to 7 ft. in diameter

Entrance Door Assembly—Change to double doors, 20 in. wide, 42 in. high,

Foundation—The escape shall rest upon an octagonal concrete foundation, as shown on plans, not less than 18 in. deep.

Exit Doors—Exit doors at the bottom of the escape shall be constructed of two leaves, 42 in. high, 22 in. wide, and shall open readily from the inside by contact of the mattress or a person's feet. A handle shall be provided so that doors may be opened from the outside.

Ramp—An open ramp constructed of No. 16 gauge galvanized sheet steel, 7 ft. long, 45 in. wide, shall be fastened to the escape with bolts just below and outside exit.

MATERIALS—Steel

Housing shall be No. 12 U. S. standard gauge galvanized sheet steel for approximately the lower 3 feet; the next 3 feet of No. 14 gauge; the remainder of No. 16 gauge.

Spiral Slide shall be No. 16 gauge galvanized sheet steel.

Base angle shall be 2 1/4" x 2 1/4" x 1/4" galvanized steel.

Section angles shall be 1 1/4" x 1 1/4" x 3/16" galvanized steel.

Finish—Entire escape, interior and exterior, excepting the slide, shall have one coat of Rust Inhibitive Paint.

MATERIALS—Aluminum

Housing shall be .081 x 3S 1/2H aluminum for approximately the lower 3 feet; the next 3 ft. of .072; the remainder of .064.

Spiral Slide shall be .064 x 3S 1/2H aluminum.

Base angle shall be 2 1/4" x 2 1/4" x 1/4"—61 ST 4 aluminum.

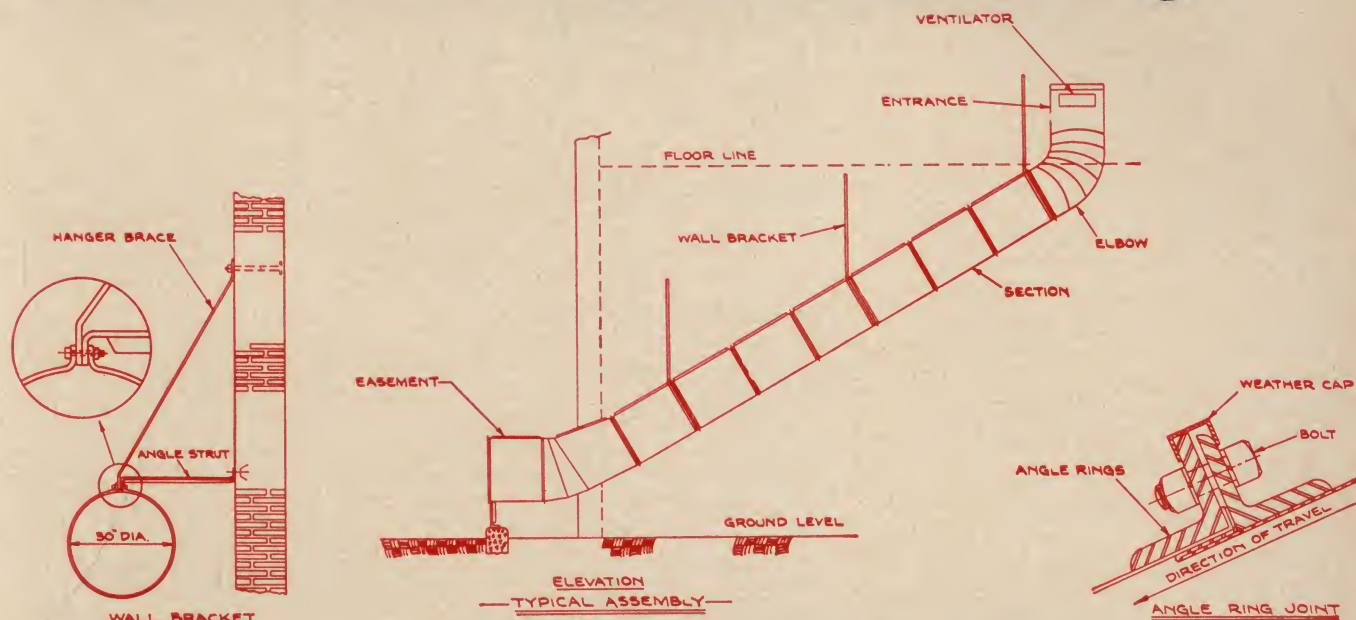
Section angles shall be 1 1/4" x 1 1/4" x 3/16"—61 ST 4 aluminum.

Finish—No painting required.

*Interior Types

Both STANDARD and HOSPITAL types are built for interior of the building. See Page 4 for details.

POTTER Tubular Slide Fire Escapes



SPECIFICATIONS—Exterior Types*

Note—Specify under Specialties, not under Structural or Ornamental Iron. All specifications subject to change without notice.

Standard Type—For General Use

The fire escape shall be the POTTER Tubular Slide Escape made by the POTTER FIRE ESCAPE COMPANY, Chicago 45, Illinois.

Entrance Door Assembly—Entrance on inside of building shall be closed with clear ponderosa pine, paneled double doors, 15 in. wide by 42 in. high, weatherstripped, equipped with panic bolt hardware operated with push bars on either door; doors to swing into escape. A $\frac{3}{4}$ in. diameter horizontal swing bar shall be securely attached to the frame near the top of the entrance.

Elbow—Shall be 30 in. diameter with 8 in. throat radius.

Sections—Shall be 30 in. diameter and not more than 39 in. long and have $1\frac{1}{4} \times 1\frac{1}{4} \times \frac{1}{8}$ angle rings riveted to each end for joining the sections. Angle rings to be bolted together with $\frac{5}{8}$ in. plated bolts. A channel band shall be placed over the top of angle rings to make a watertight joint.

Easement or lower end—Shall break to approximately horizontal and shall flare from 30 in. to 36 in. diameter. A $\frac{1}{4}$ in. support shall be attached to the end of the easement with its lower end on concrete at grade level.

Bracing—At least one bracket assembly shall be used for every four sections, or fraction thereof, exclusive of entrance, elbow and the easement.

Approval—The fire escape construction shall have been tested, approved and be listed as standard by the Underwriters' Laboratories.

Pitch—Installations shall be at an angle of approximately 30 degrees.

Hospital Type—Designed for patients on mattresses

Same as STANDARD TYPE except for following changes:

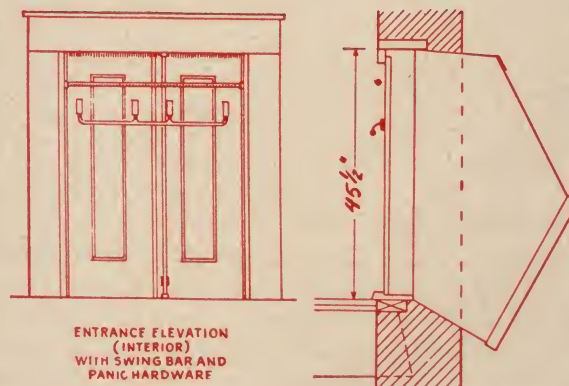
Entrance Door Assembly—Change to double doors, 20 in. wide, 42 in. high

Elbows shall be 36 in. diameter, with 40 in. throat radius.

Sections shall be 36 in. diameter

Easement shall be 36 in. diameter throughout.

Entrance Details of Both Spiral and Tubular Type Escapes



MATERIALS—Steel

Sheets shall be No. 20 gauge galvanized steel.

Angle rings shall be $1\frac{1}{4} \times 1\frac{1}{4} \times \frac{1}{8}$ Hot Rolled Mild Steel.

Bracing angles shall be $1\frac{3}{4} \times 1\frac{3}{4} \times \frac{1}{4}$ Hot Rolled Mild Steel.

Finish—Exterior of escape shall have one coat of Rust Inhibitive Paint.

MATERIALS—Aluminum

Sheets shall be .051 x 3S $\frac{1}{2}$ H aluminum.

Angle rings shall be $1\frac{1}{4} \times 1\frac{1}{4} \times \frac{1}{8}$ 61 ST 4 Aluminum.

Bracing angles shall be $1\frac{3}{4} \times 1\frac{3}{4} \times \frac{1}{4}$ Hot Rolled Mild Steel with shop coat of paint.

Bracing flats shall be $1\frac{3}{4} \times 1\frac{3}{4} \times \frac{1}{4}$ Hot Rolled Mild Steel with shop coat of paint.

Finish—No painting required.

POTTER SLIDE TYPE FIRE ESCAPES . . . For Interior Use

In new construction, POTTER Slide Fire Escapes are erected within the walls of the building, not visible from the outside.

Space Savings—Interior installations of POTTER Slide Fire Escapes provide a means of exit in a far smaller area than a standard interior stairway. The illustration at the right gives a comparison of floor space occupied by a typical stair and that taken up by a 5 ft. diameter Potter Spiral Escape. Note: The minimum for a POTTER 7 ft. diameter Escape is 80 square feet.

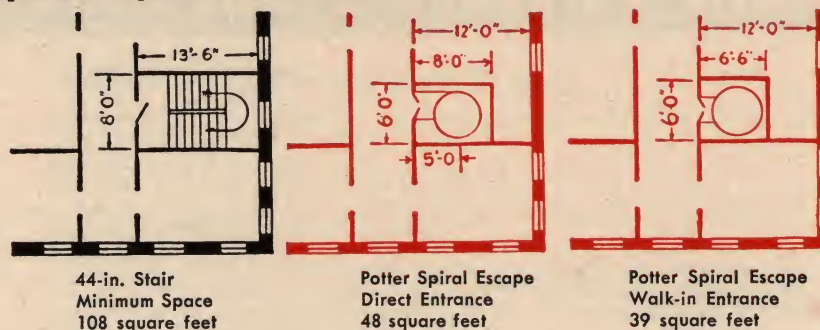
Low Original Cost—Considerably less than installation of standard interior stairways.

Maintenance and Upkeep Savings—Assured by POTTER Slide Type Fire Escapes.

Releases Floor Space—For renting at profitable rates.

Exit Safety, Comfort and Speed—In any weather exit is safe. There is no hazard from sharp descent, fear of high places, heels catching in treads.

Space Requirements



Typical Installations

	Architect
State Capitol, Springfield, Ill.	C. Herrick Hammond
County Court House, Floydada, Tex.	Haynes & Kirby
Woodberry Forest School, Orange, Va.	Taylor & Fisher
Boone County Hospital, Harrison, Ark.	Wittenberg, Delony & Davidson
Stadium-Dormitory, University of Arizona	Place & Place
Hillcrest Apartments, Wichita, Kansas	Schmidt, Boucher & Overend
Citizens National Bank	Graham, Anderson, Probst & White
Ramsey Tower, Oklahoma City, Okla.	Walter Ahlschlager
Film Exchange, New Orleans, La.	Theo. L. Perrier
State Hospital, Gallipolis, Ohio	Thomas E. Brand
High School, Hampton, Iowa	Douner, Rich & Woodburn
Starr Commonwealth, Albion, Mich.	Marcus Burrows
Court Square Bldg., Baltimore, Md.	Lucien R. White, Jr.
Building & Loan Bldg., South Bend, Ind.	Austin & Shambleau

Architects and Engineers Specify "POTTER"

Where

Potter Slide Fire Escapes are designed for Schools, Hospitals, Orphanages, Homes for Aged, Mental Institutions, Industrial Plants and Buildings of Public Assembly.

For These Reasons

A Type for Every Need—POTTER Slide Fire Escapes are constructed in two types—The Straight Tubular Chute and the Vertical Spiral—and in two sizes—one for able-bodied persons of all ages; one for removal of bed-ridden patients on mattresses.

Fast Entrance—POTTER escapes are entered direct from the room or hall, eliminating the need for walking out on to platforms and thus assuring the fastest possible exit. They can be entered at many floors at the same time without confusion, congestion or injury.

No Acceleration—There is no acceleration in spiral escapes; therefore, they can be used (as on grain elevators) on thirty-story buildings as safely as on buildings of two or three stories. Because of the change in position, one does not get dizzy.

Fully Enclosed Construction—Because the escapes are fully enclosed, the occupants of POTTER equipped buildings are fully protected from falling objects, smoke, flames and adverse weather conditions which usually interfere with the use of open fire escapes.

Proved Performance—Hundreds of lives have been saved in 30 instances of record where POTTER Escapes were used to evacuate burning buildings without injury or loss of life.

Fully Approved—POTTER Slide Fire Escapes have been tested, approved and listed as standard by the Underwriters' Laboratories for over 25 years. They carry the approval of the Building Exits Code of the National Fire Protection Association.

Service Facilities—Potter Fire Escape Company is a long established firm with 30 years devoted exclusively to the engineering, manufacture and erection of POTTER Slide Fire Escapes. It is our one product. We are equipped to execute contracts in any part of the country and can furnish complete erection under the supervision of construction superintendents with more than 20 years continuous experience on the work exclusively.

POTTER FIRE ESCAPE COMPANY • 6109 N. California Ave., Chicago 45, Ill.

For Estimates Telephone Rogers Park 4-0098—Collect

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Carol J. Dyson, AIA